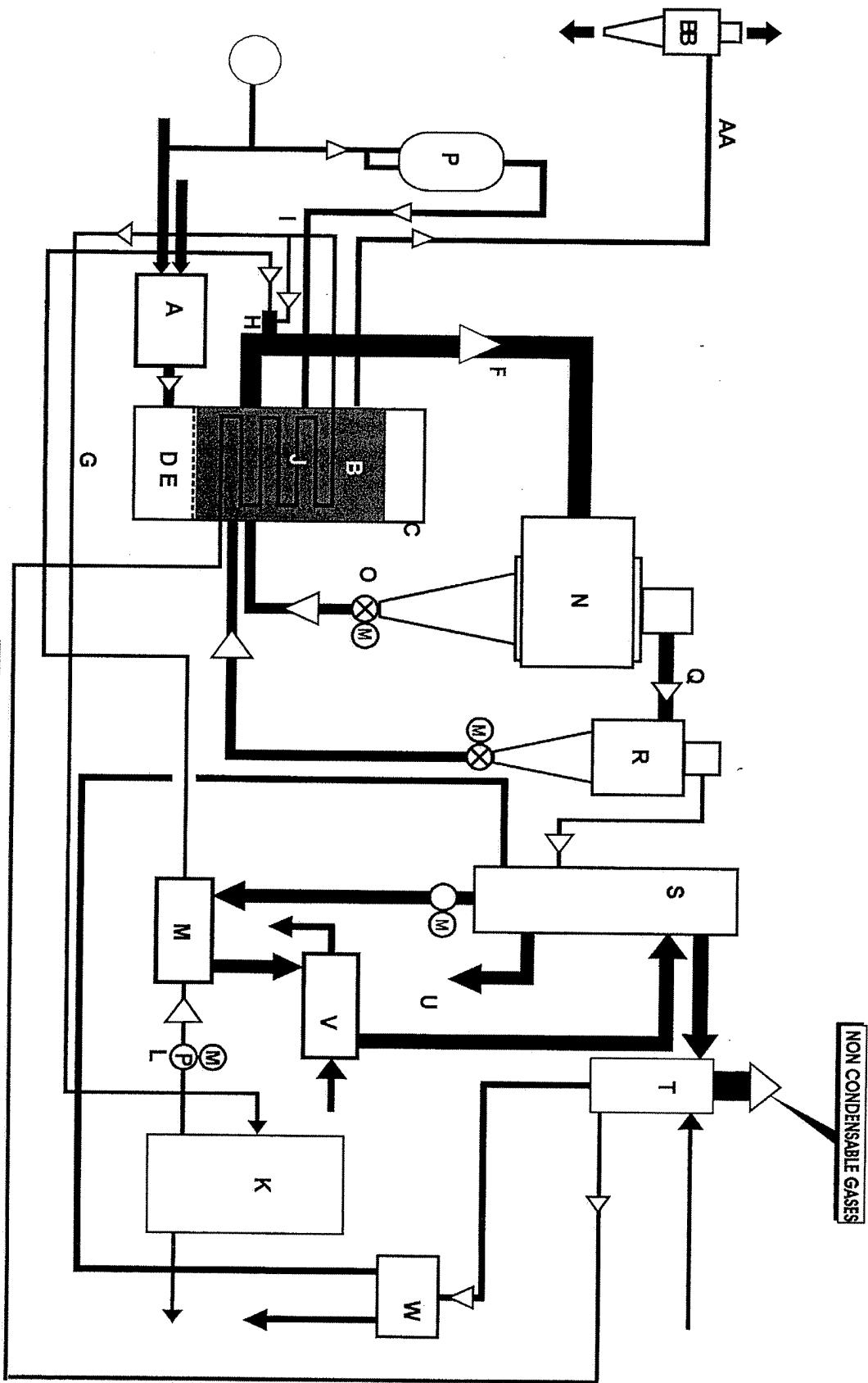
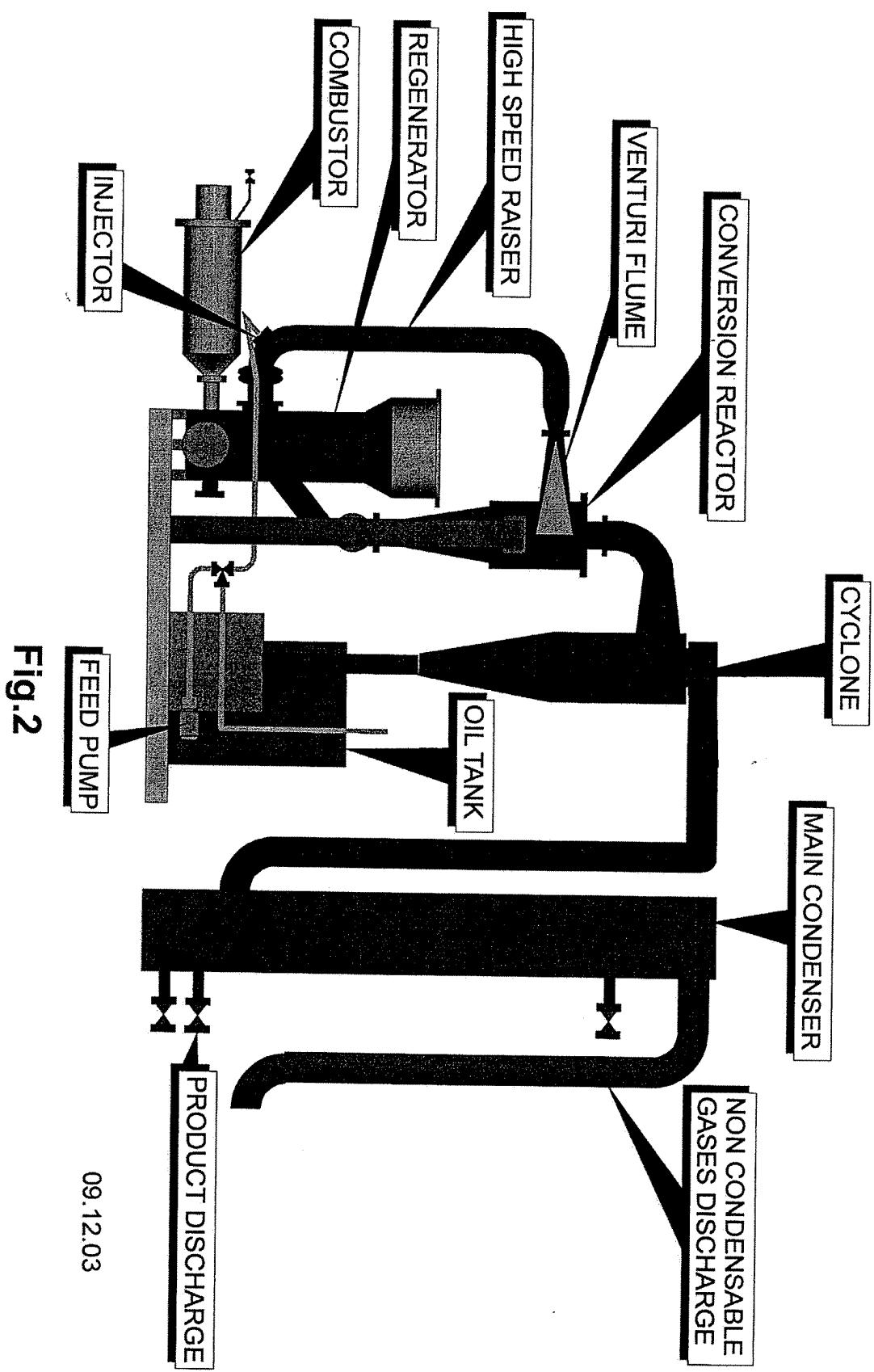


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Inventor: Olav Ellingsen
Docket No.: 09663.0080USW0
Title: LOW TEMPERATURE THERMODYNAMIC CRACKING AND CONVERSION FOR
UPGRADING OF HEAVY OILS
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Sheet 1 of 3

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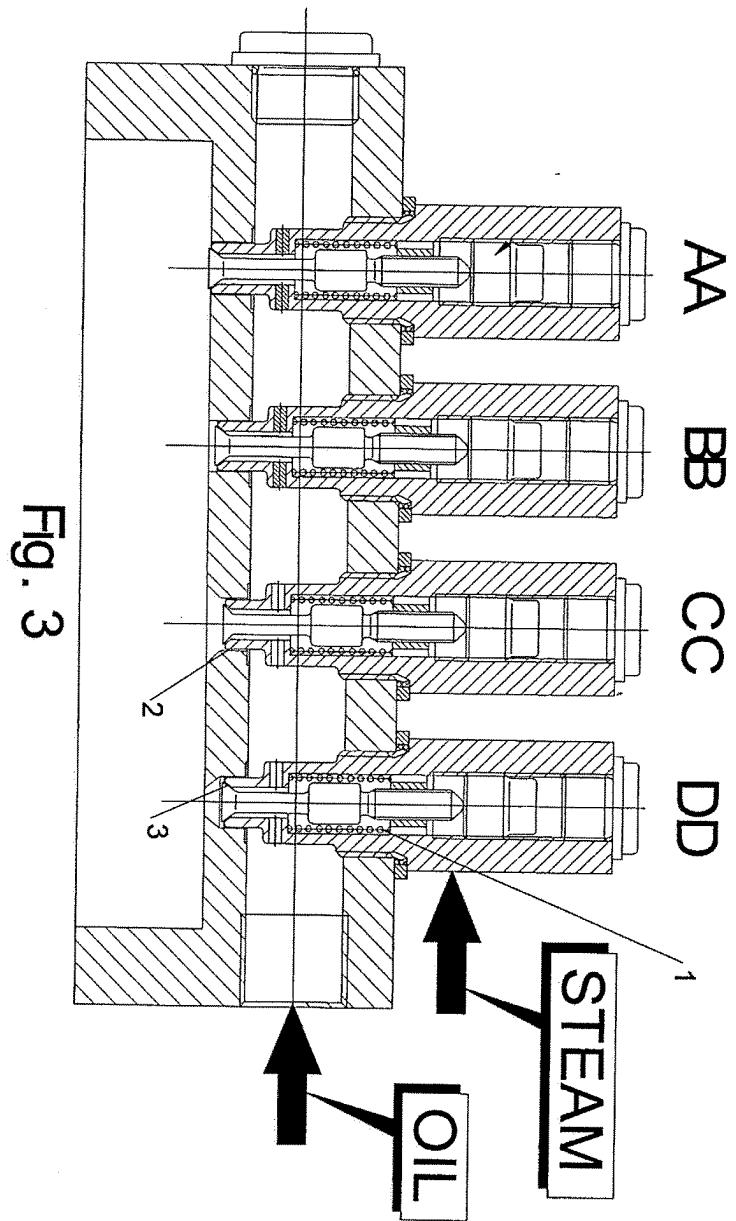


Fig. 3